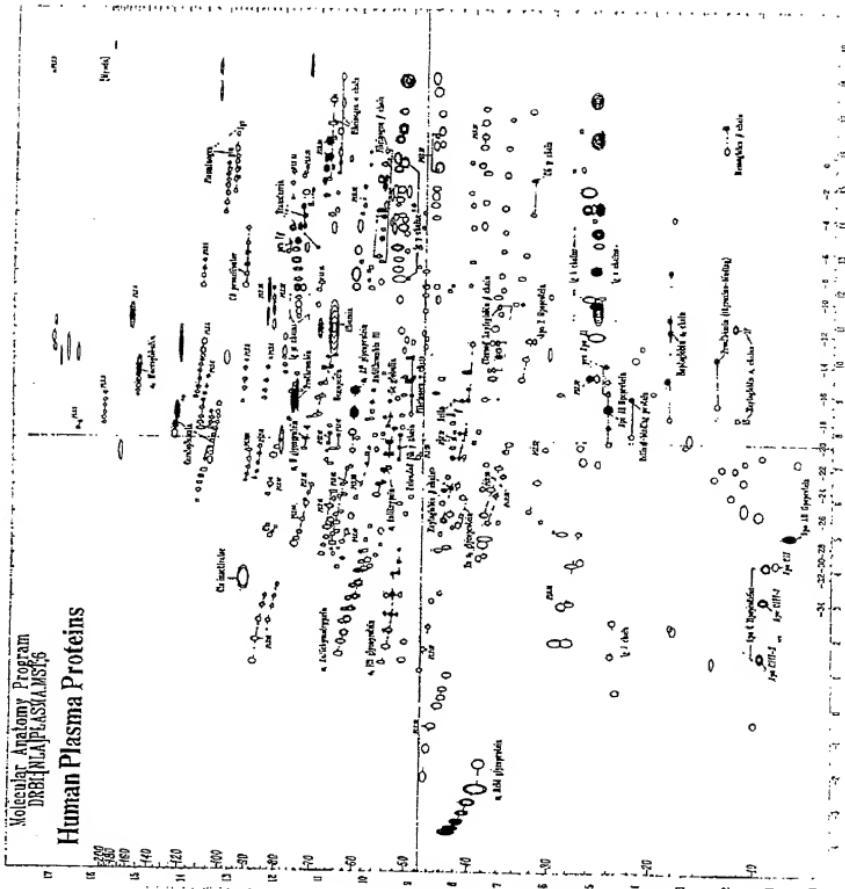
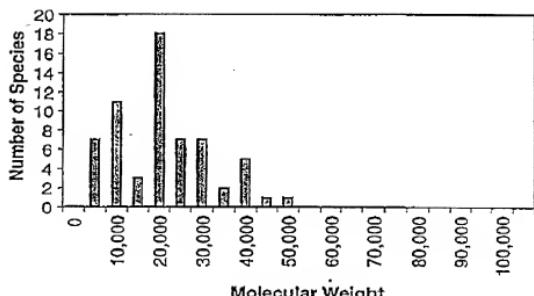


Figure 1



3
Figure 6. Activities Discovered in Urine

Histogram of Molecular Weights of
62 Hormones and Factors Found in Urine



6
Figure 6: Molecular weights of factors found in urine. These include: Urokinase, VEGF, IL-6 sR, Angiostatin, M-CSF, Chorionic Gonadotropin, FSK, Thrombopoietin, IL-5, PDGF, Urokinase, Glial-Derived Neurotrophic Factor, LH, Brain derived neurotrophic growth factor, Neurotropin-3, Neurotropin-4, IL-9, TSH, TGF- β , Ciliary Neurotropic Factor, Prolactin, Somatotropin, IL-6, IFN- α , IL-11, Keratinocyte Growth Factor, TNF- β , IL-10, Stem Cell Factor, Endostatin, G-CSF, IL-3, IL-1 α , TNF- α , β -endothelial Cell Growth Factor, IFN- β , IL-1 β , IL-7, Basic Fibroblast Growth Factor, Leptin, Acidic Fibroblast Growth Factor, IL-2, IL-4, GM-CSF, IL-13, Parathyroid Hormone, Pre-B Cell Stimulation Factor/Stromal Cell Derived Factor β , IL-8, RANTES, MIP-1 α , MIP-1 β , IGF-I, IGF-II, TGF- α , EGF, Insulin, Secretin, Gastrin 1, α -MSH, LHRH, Angiotensin, Oxytocin, TRH, Liver Cell Growth Factor.

Figure 2. Gel Filtration of Plasma and Urine

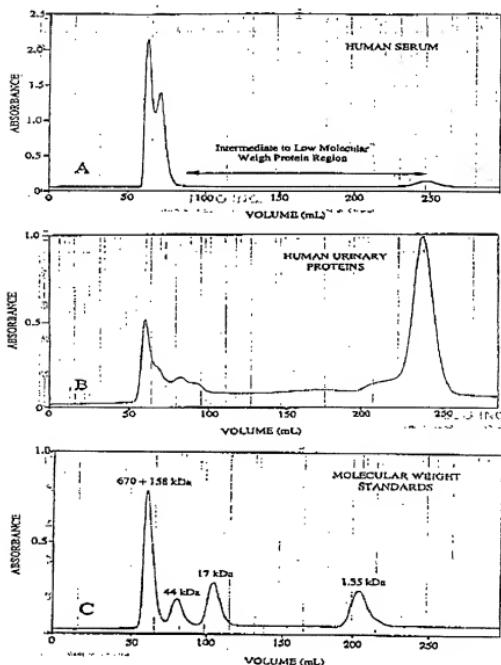


Figure 2. Gel Filtration Analysis using P100 BioGel. A. Human serum, B. Human urinary proteins, C. Molecular weight standards.

The results suggest that it would be useful to explore the region below 40-45 kDa in serum, and to compare it to the same region in patterns of urinary proteins.